

Patent Claims

1. An apparatus for fixing a power breaker in a withdrawable-part rack, characterized by at least one
5 locking means (16), associated with the withdrawable-part rack (10), for the power breaker (12), said locking means (16) being connected to a control rod (14), which is arranged movably on the withdrawable-part rack (10), for the purpose of moving it from a
10 latched position to an unlatched position or vice versa, the control rod (14) interacting with a means for moving the power breaker (12) relative to the withdrawable-part rack (10), and the apparatus comprising a release means, which can be moved by means
15 of the power breaker (12) from a blocked position for the control rod (14) to a released position for the control rod (14) or vice versa.

2. The apparatus as claimed in claim 1, characterized
20 in that the locking means (16) is in the form of a hook.

3. The apparatus as claimed in claim 2, characterized
25 in that the hook-shaped locking means (16) is mounted on the withdrawable-part rack (10) such that it can rotate and is arranged such that it can engage in an attachment (24) locked on the power breaker (12).

4. The apparatus as claimed in claims 1 to 3,
30 characterized in that the control rod (14) is arranged on the withdrawable-part rack (10) such that it can move vertically.

5. The apparatus as claimed in claims 1 to 4,
35 characterized in that the control rod (14) also has a spring (42) applied to it.

6. The apparatus as claimed in claims 1 to 5,
40 characterized in that the means for moving the power breaker

(12) relative to the withdrawable-part rack (10) has a crank handle (29) and an insertion shaft (30) having a crankshaft journal (32).

5 7. The apparatus as claimed in claims 1 to 6, characterized in that the release means is a transverse slide (20) having a blocking tab (26) which can be latched into a notch (36) in the control rod (14).

10 8. The apparatus as claimed in claim 7, characterized in that the transverse slide (20) also has a spring (28) applied to it.

15 9. The apparatus as claimed in claims 1 to 8, characterized in that the control rod (14) has a notch (36).

20 10. The apparatus as claimed in claims 1 to 9, characterized in that the withdrawable-part rack (10) has a stop (34).

25 11. The apparatus as claimed in claims 1 to 10, characterized in that the hook-shaped locking means (16) is connected in a force-fitting manner to the control rod (14) by means of a bolt (18), a sliding piece (40) and a spring (22).

30 12. The apparatus as claimed in claims 1 to 11, characterized in that the apparatus comprises two locking means (16).

35 13. The apparatus as claimed in claim 12, characterized in that in each case a locking means (16) is fixed on the left-hand and right-hand side wall of the withdrawable-part rack (10).

14. The apparatus as claimed in claims 1 to 13, characterized in that the control rod (14) is fixed on a side wall of the withdrawable-part rack (10).